

Corvias®

The Clean Water Partnership Briers Mill Run Stream Restoration

New Carrollton Virtual Town Hall Meeting
June 16, 2020

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Microsoft Teams Guide

Questions & Answers Area



Closed Captioning Options

Briers Mill Run Restoration Presentation

Tuesday, June 16, 2020

- Introduction
- Project Details
- Maintenance of Traffic (MOT)
- Q&A

A photograph of a turtle, likely a painted turtle, resting on the ground amidst green foliage. The turtle's head is visible on the left, showing a red eye and yellow markings. Its shell is dark with yellow and orange patterns. The entire image is covered with a dark, semi-transparent overlay to make the white text stand out.

Program Scope

Plan, design and build stormwater retrofit projects across Prince George's County

- The goal is to retrofit 4000 impervious acres
- 30 years of functional maintenance of all devices installed
- Local, small and minority owned businesses perform 30-40% of work
- Community and social economic development through alternative compliance with faith based and 501c3 organizations, mentor protégé program and the school's program

Integrated Delivery Team

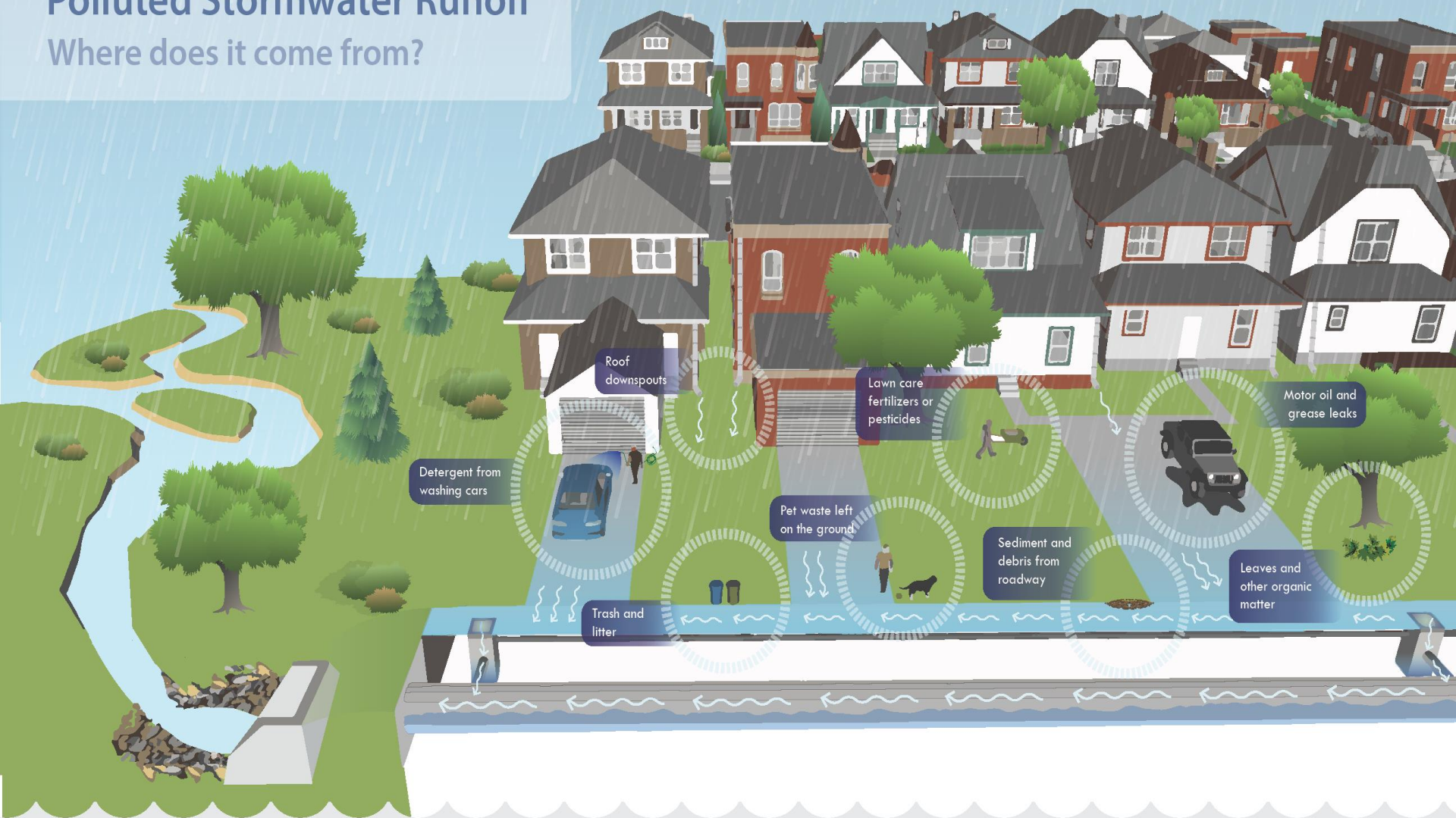


Community Outreach Meetings

- **Wednesday, October 16, 2019**
 - Presentation to New Carrollton City Council
- **Tuesday, November 5, 2019**
 - On-site meeting with community members and Soltesz to flag trees that can most likely be preserved
- **Tuesday, November 12, 2019**
 - Presentation to New Carrollton Green Team
- **Wednesday, December 11, 2019**
 - Town Hall Meeting
 - CWP program will present on current design plans for Briers Mill Run stream restoration
- **Wednesday, February 5, 2020**
 - Second Presentation to New Carrollton City Council
- **Tuesday, June 16, 2020**
 - Virtual Town Hall Meeting

Polluted Stormwater Runoff

Where does it come from?



CLEAN WATER PARTNERSHIP

The Clean Water Partnership delivers functional and sustainable stormwater retrofit projects throughout Prince George's County. The program is committed to supporting local small businesses, residents, schools, non-profits and others in their efforts to clean up our waters and beautify the County. Visit www.thecleanwaterpartnership.com to learn more. Problems? Call the help line at 301-291-2259.



What Does This Mean for the Community?

- Prince George's County, in alliance with the CWP has been working on the planning and design of a stormwater management project at Briers Mill Stream, extending from Jodie Street to 85th Place.
- The CWP program will implement and construct stream restoration best management practices (BMP) and is committed to upgrade and maintain the installed BMP.

**Estimated Construction Start:
August 2020**

What is Stream Restoration?

- A process that stabilizes eroded streams by returning them to a healthy state
- A BMP that improves water quality
- There are several stream restoration techniques and each restoration project is unique



Why is Stream Restoration Important?

- Approximately 75% of all sediment pollution in the Anacostia Watershed is caused by erosion of riverbanks and river bottoms.
- Stream restoration can help reduce the amount of sediment pollution entering the watershed while improving stream health and enhancing wildlife habitat.
- Restoring the stream helps Prince George's County meet Municipal Separate Storm Sewer System (MS4) Federal requirements.

Stream Erosion Examples

Large flows of water from impervious surfaces can cause severe erosion and flooding, which can damage buildings, yards and structures and reduce nearby property values.



Location: Laurel, MD



This stream example is not located in Maryland.

Site Construction NARDI Construction



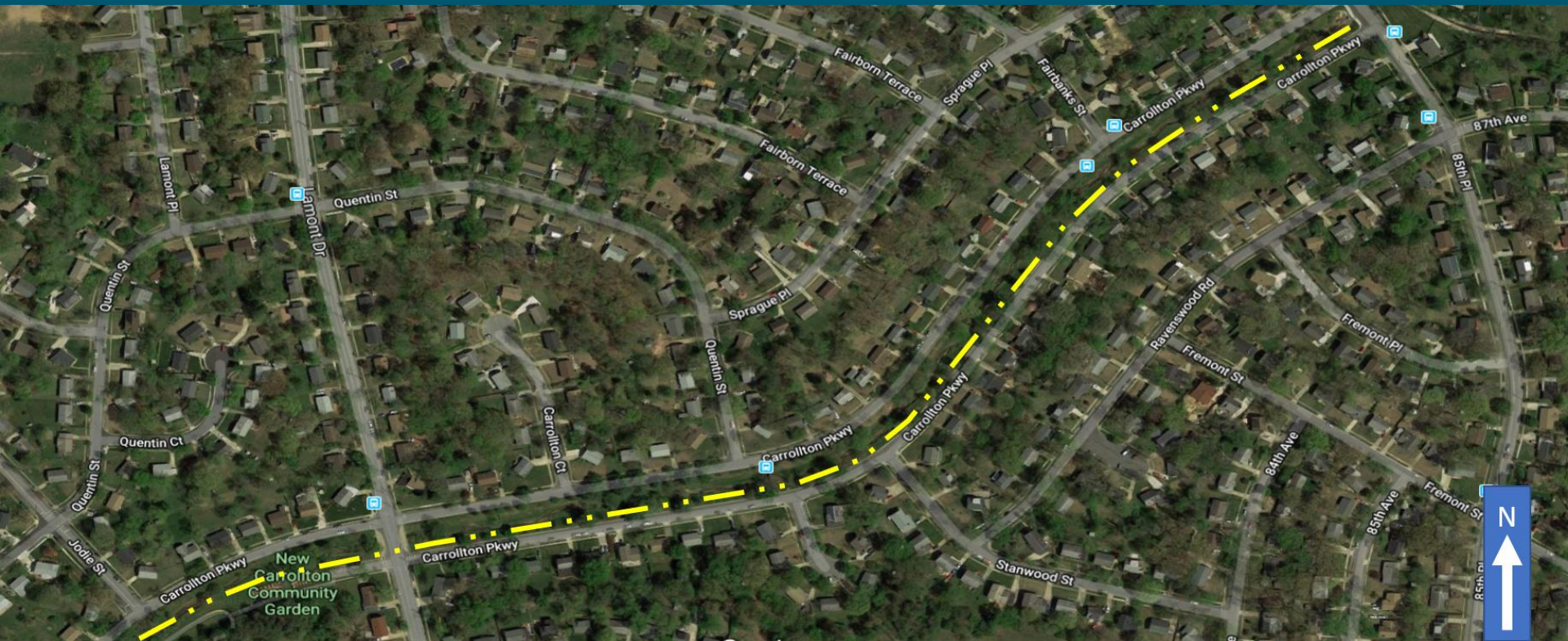
Stormwater Site Designer

Jason Mills



Proposed Stream Restoration Location

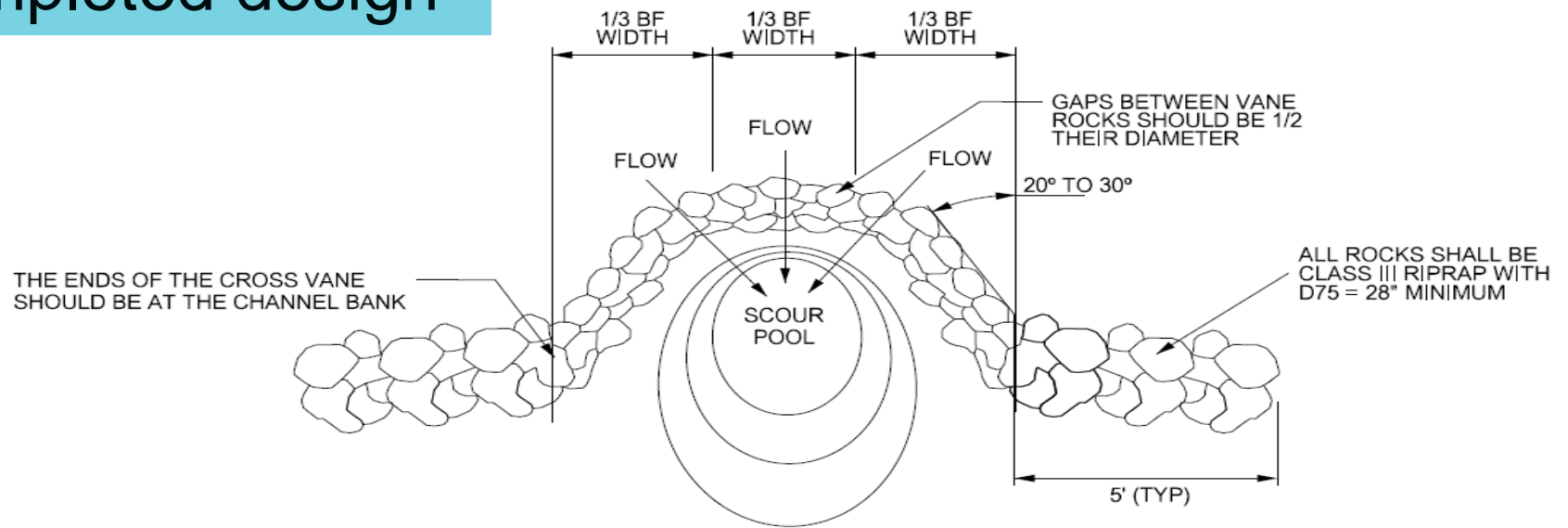
Along Carrollton Parkway from Jodie Street to 85th Place



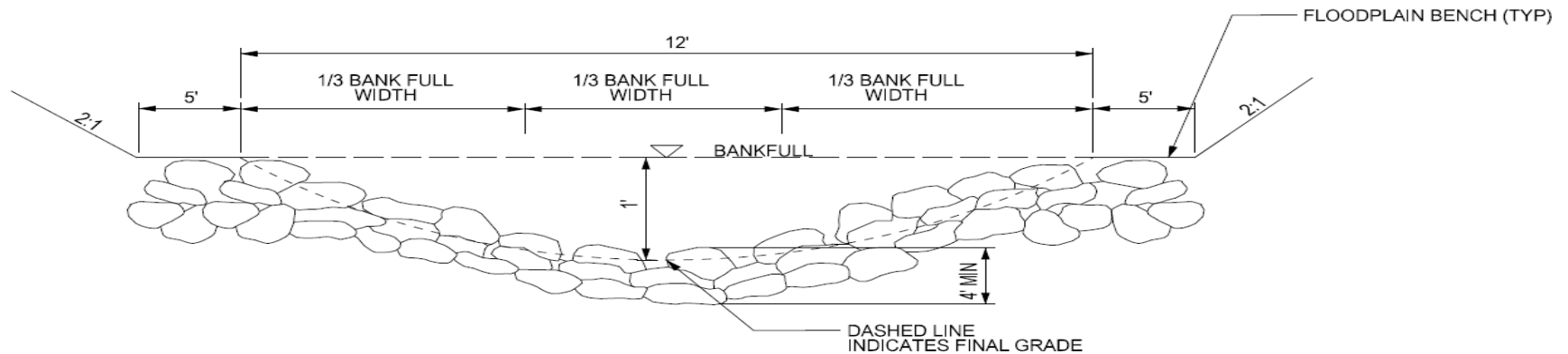
Completed Design

- Natural erosion control best practices will be implemented
- A bio-degradable product will be used to stabilize the stream bank
- Remove trees from the stream area
- **New trees will be installed** along the top of the bank
- Remove invasive vegetation
- Install native plants and shrubs

Completed design



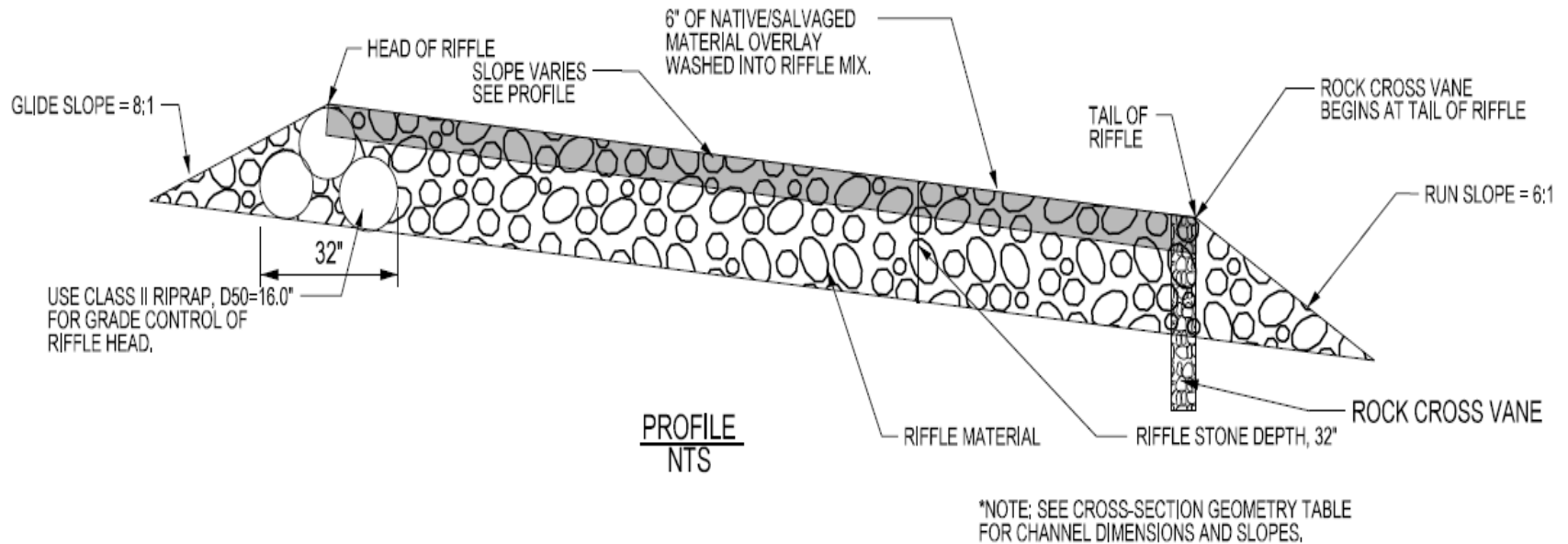
ROCK CROSS VANE PLAN VIEW



ROCK CROSS VANE CROSS-SECTION VIEW

SCALE: NTS

Completed design



TYPICAL ENGINEERED RIFFLE

SCALE: NTS

Proposed Best Management Practices (BMP)



Cross Vane



Riffle Pool Spacing

Proposed Best Management Practices (BMP)



Large Pool

Proposed Best Management Practices (BMP)



Large Pool

Vegetation/Tree Types

- Tree Types
 - Shademaster Honeylocust (approx. 50 to be planted)
 - Willow Oak (approx. 36 to be planted)
 - Chancellor Littleleaf Linden (approx. 27 to be planted)
 - October Glory Red Maple (approx. 11 to be planted)



Vegetation/Tree Types

- Grass/Vegetation Types
 - Kentucky Bluegrass
 - Annual Ryegrass
 - Foxtail Millet



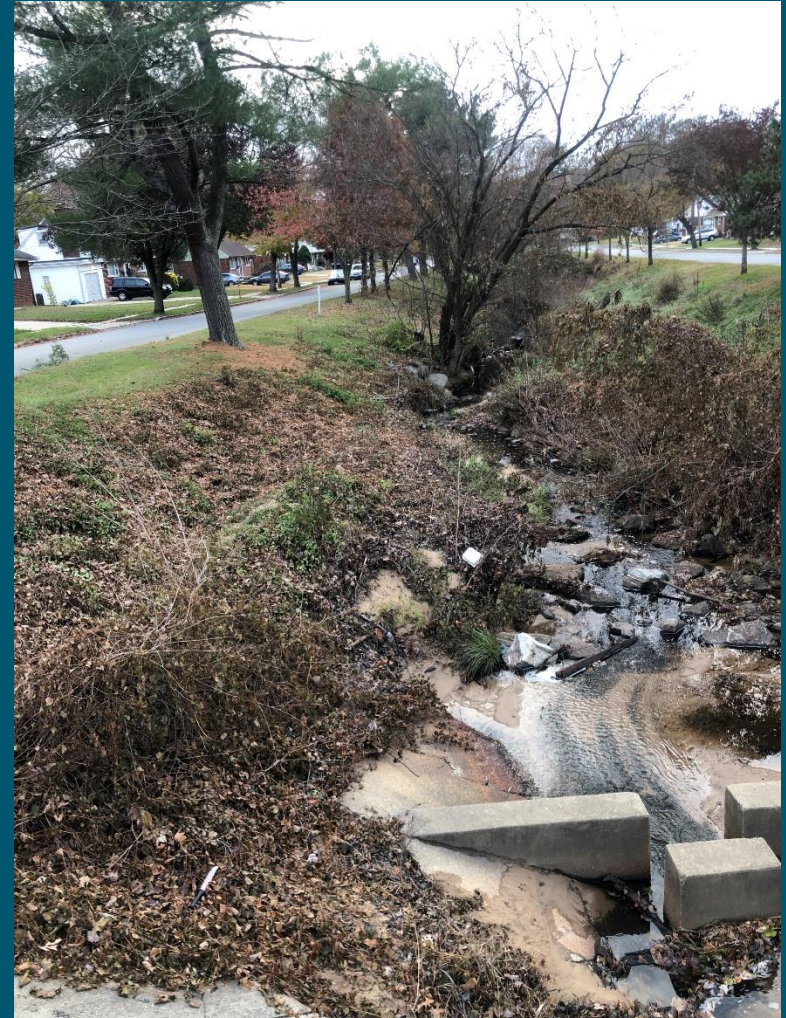
Briers Mill Run - Current Conditions



Briers Mill Run - Current Conditions



Briers Mill Run - Current Conditions



Maintenance of Traffic (MOT) Overview

- Construction will be completed in 5 phases, approx. duration: avg. of 1-2 months per phase, weather permitting
- 9 AM-3 PM, Monday through Friday, Saturdays if needed
- One-lane traffic on parts of Carrollton Parkway
- Flaggers in place to direct traffic
- Access to all driveways maintained
- **Street returned to full operation after each workday**

MOT Overview Continued

- Parking Restrictions
 - Street parking will be restricted on portions of Carrollton Parkway
 - CWP will provide a minimum of 72-hours notice for residents to temporarily relocate parked cars
- Bus Stops
 - Access to all **bus routes** will be maintained throughout construction
 - Minimal changes to bus stops
 - Eastbound WMATA T14 Bus stop at Carrollton Parkway & 85th Place will shift across the street to westbound T14 stop
 - Eastbound service available as normal from the Westbound stop
 - Busses must adhere to flagger directions

Briers Mill Run – MOT Phases Overview

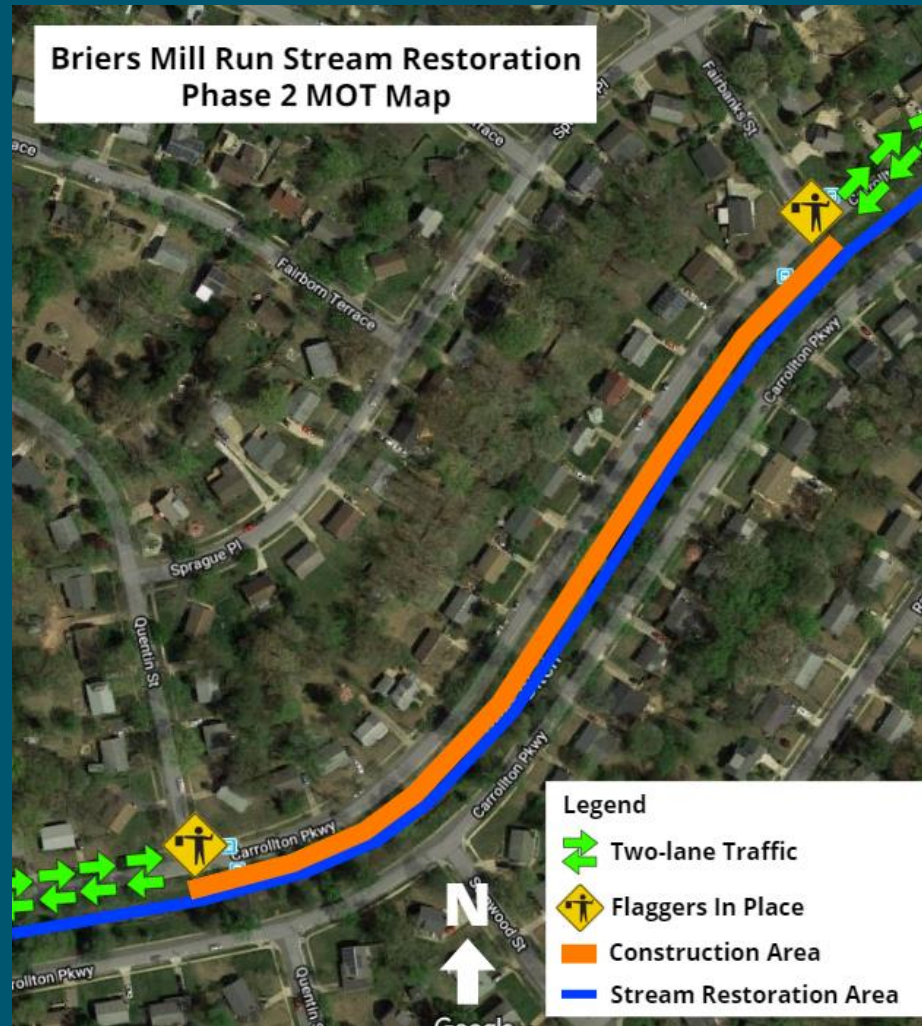


Briers Mill Run – MOT Phase 1



Carrollton Parkway from 85th Place to Fairbanks St.

Briers Mill Run – MOT Phase 2



Carrollton Parkway from Fairbanks St. to Quentin St.

Briers Mill Run – MOT Phase 3



Carrollton Parkway from Quentin St. to Carrollton Ct.

Briers Mill Run – MOT Phase 4



Carrollton Parkway from Carrollton Ct. to Lamont Dr.

Briers Mill Run – MOT Phase 5



- Carrollton Parkway from Lamont Dr. to Jodie St.

Design/Construction Schedule Highlights*

- Design completed/permit approvals – March 2020
- Anticipated project start date – August 2020*

*All dates are approximate, weather permitting



Questions?

Connect
with



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Look for our channel
The Clean Water
Partnership

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